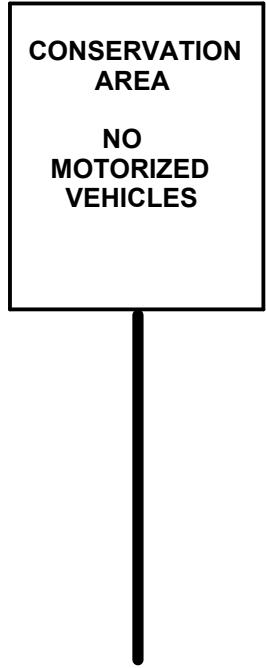
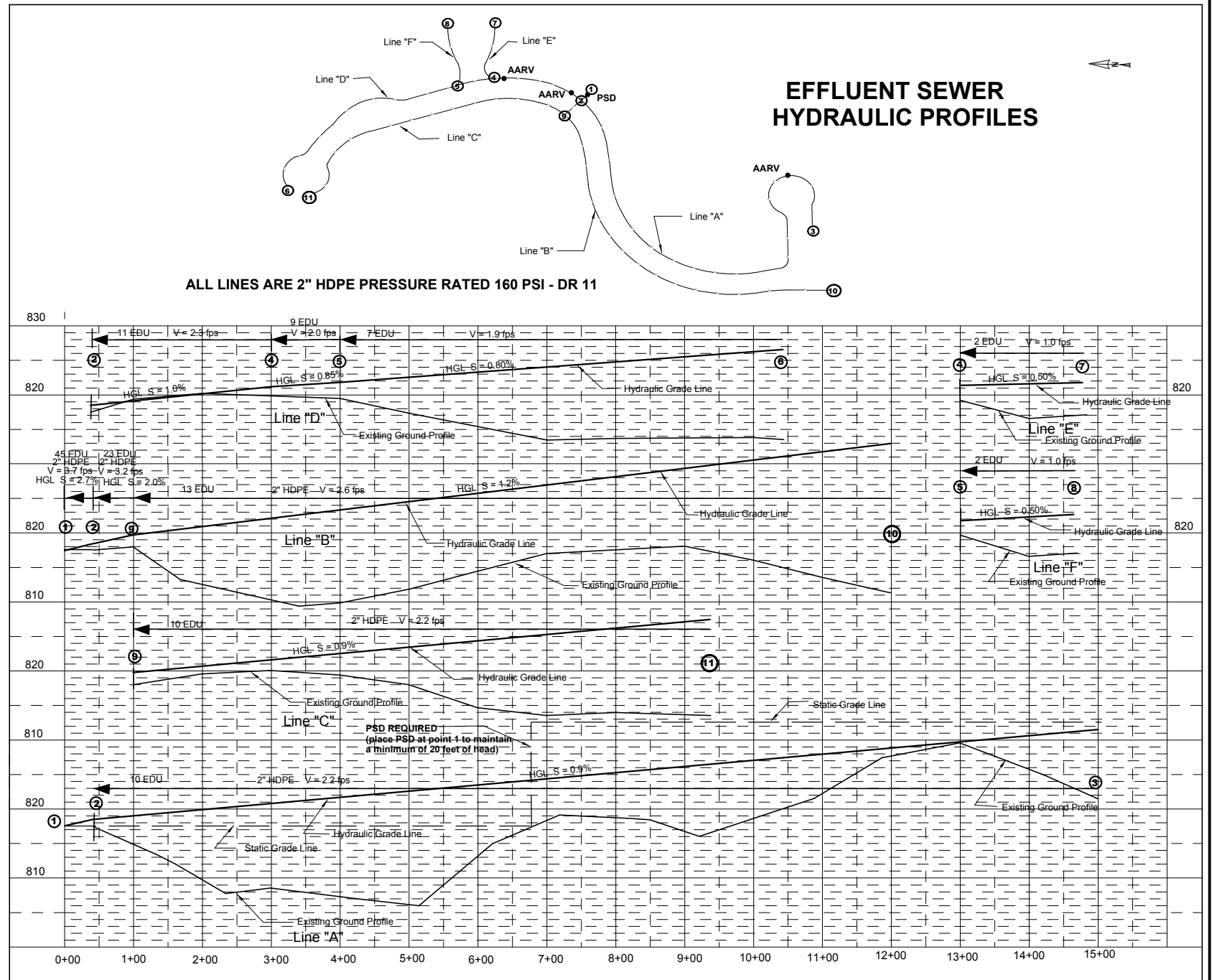


TOP FEED ZONE DETAIL



PROPOSED SIGNAGE



SYSTEM DATA INPUT

Gallons Per Day (380 GPD x 44 homes)	16,720
Soil Loading Rate (GPD Per Sq. Ft.)	0.48
Emitter flow rate (GPH)	0.62
Dripper Spacing (inches)	24
Desired Dose Time	10
# of Zones	6
Flush Velocity (FPS)	2
ASSUMPTIONS	
Pump Flow Rating (gpm):	60
Spacing between dripperlines (ft):	2
Hours per day to use for dosing:	24

STANDARD DESIGN CRITERIA FOR EACH RESIDENCE

4 bedroom house = 380 gallons per day
Soil Series: Morley Soil Resource Group D
Soil Loading Rate = .48 with Orenco Advantex System
Depth to Limiting Layer = 32" Average
Depth to Seasonal High Water Table = 32" Average
Depth of Drip Tubing below ex. surface = 3"
Depth of Drip Tubing to proposed final grade = 8"

For detailed final drip calculations
see attached calculation sheets

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FALCON CREST SUBDIVISION
LAKE VILLA, ILLINOIS

DRIP DESIGN DETAILS AND CALCULATIONS

				SHEET	
				4	
				OF 11	
9/15	A.R.O.		L.C.H.D.		
8/12	A.R.O.		L.C.H.D.		
DATE	BY	NO.	REVISION	DATE: 07/12/2006	